

HDC 40D KBU 1M32G N

Weidmüller Interface GmbH & Co. KG
Klingenbergsstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Product image

The special die-cast alloy and the multi-layered surface sealing provide complete protection for the HDC housings.

The cleverly designed interlock system is manufactured from stainless steel. This guarantees a long lifespan with high resistance to corrosion and impact.

The housing interlock system provides integrated safety. Our unique, patented spring system provides the housing interlock with a secure grip and prevents accidental opening.

The laser marking allows for easy and quick identification. Each housing is permanently labelled with a laser marking so that each product can be quickly designated and positioned.

Weidmüller RockStar® IP 65 / NEMA Type 4X housings - your first choice for industrial housings with IP 65 protection.

General ordering data

| | |
|------------|---|
| Version | HDC enclosures, Installation size: 6, Protection degree: IP65, in plugged condition, Coupling housing, Side-locking clamp on lower side, high, Size of cable entries: PG 29 |
| Order No. | 2559900000 |
| Type | HDC 40D KBU 1M32G N |
| GTIN (EAN) | 4050118673265 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



| | |
|-------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E92202 |

Dimensions and weights

| | | | |
|------------|-------|-----------------|-------------|
| Height | 79 mm | Height (inches) | 3.1102 inch |
| Width | 55 mm | Width (inches) | 2.1654 inch |
| Net weight | 325 g | | |

Temperatures

| | |
|-------------------|-------------------|
| Limit temperature | -40 °C ... 125 °C |
|-------------------|-------------------|

Environmental Product Compliance

| | |
|------------------------|---|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |
| Chemical resistance | Substance Acetone |
| | Chemical resistance Conditionally resistant |
| | Substance Drilling oil |
| | Chemical resistance Resistant |
| | Substance Diesel |
| | Chemical resistance Resistant |
| | Substance Ethyl alcohol |
| | Chemical resistance Resistant |
| | Substance Transmission oil |
| | Chemical resistance Resistant |
| | Substance Hydraulic oil |
| | Chemical resistance Resistant |
| | Substance Coolant |
| | Chemical resistance Resistant |
| | Substance Petroleum benzine |
| | Chemical resistance Resistant |
| | Substance Sweat |
| | Chemical resistance Resistant |
| | Substance Premium gasoline |
| | Chemical resistance Conditionally resistant |
| | Substance Water |
| | Chemical resistance Resistant |
| | Substance UV |
| | Chemical resistance Unstable |
| | Substance Ozone |
| | Chemical resistance Unstable |

Dimensions

| | | | |
|----------------------|-----------|---------------------|-------|
| Cable entry | w. thread | Width housing C | 43 mm |
| Total length housing | 93.3 mm | Height of housing B | 79 mm |

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Technical data**General data**

| | |
|-----------------------------|--|
| Housing main material | diecast aluminium |
| Protection degree | IP65, in plugged condition |
| Material of locking element | Polyamide, Stainless steel, rust-proof |

| | |
|----------------|----------------|
| Surface finish | Powder coating |
| EMC housings | No |

Version

| | |
|--------------------------------|----------------------------------|
| Size of cable entries | PG 29 |
| Cover | without cover |
| Number of cable entry sideways | 0 |
| Design of locking system | Side-locking clamp on lower side |
| Installation size | 6 |
| Type | coupling extension |
| Sealing | NBR |
| Colour (RAL) | RAL 7035 |
| Suitable for ModuPlug® | Yes |

| | |
|------------------------------|--------------------|
| Top part/bottom part/lid | lower part |
| Number of cable entry on top | 1 |
| Design of housing | Coupling housing |
| Design | high |
| Cable entry | w. thread |
| Clamp version | Side-locking clamp |
| Internal thread | PG 29 |
| BG | 6 |

Classifications

| | |
|-------------|-------------|
| ETIM 8.0 | EC000437 |
| ETIM 10.0 | EC000437 |
| ECLASS 15.0 | 27-44-02-02 |

| | |
|-------------|-------------|
| ETIM 9.0 | EC000437 |
| ECLASS 14.0 | 27-44-02-02 |

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Drawings

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Product image

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Accessories**Hood, Cable Entry sideways**

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General ordering data

| | | |
|------------|----------------------------|--|
| Type | HDC 16B TSBU 1PG21G | Version |
| Order No. | 1656480000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4008190409494 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard, Size of cable entries: PG 21 |
| Type | HDC 40D TSBU 1PG21G | Version |
| Order No. | 1656520000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4008190409531 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: PG 21 |
| Type | HDC 40D TSBU 1PG29G | Version |
| Order No. | 1656540000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4008190409555 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: PG 29 |
| Type | HDC 40D TSBU 1M32G | Version |
| Order No. | 1787000000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248204243 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: M 32 |
| Type | HDC 40D TSBU 1M25G | Version |
| Order No. | 1787010000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248204250 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: M 25 |
| Type | HDC 16B TSBU 1M25G | Version |
| Order No. | 1788180000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248205714 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard, Size of cable entries: M 25 |
| Type | HDC 16B TSBU 1M40G | Version |
| Order No. | 1809620000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248284979 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard, Size of cable entries: M 40 |
| Type | HDC 40D TSBU 1M40G | Version |
| Order No. | 1904800000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248521852 | plugged condition, Cable entry from side, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: M 40 |

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Accessories**Hood, Cable Entry at top**

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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 40D TOBU 2M25 | Version |
| Order No. | 1208380000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248100248 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: M 25 |
| Type | HDC 16B TOBU 1PG21G | Version |
| Order No. | 1656590000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4008190409609 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard, Size of cable entries: PG 21 |
| Type | HDC 40D TOBU 1PG21G | Version |
| Order No. | 1656630000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4008190409647 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: PG 21 |
| Type | HDC 40D TOBU 1PG29G | Version |
| Order No. | 1656650000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4008190409661 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: PG 29 |
| Type | HDC 40D TOBU 1M32G | Version |
| Order No. | 1787060000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248204304 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: M 32 |
| Type | HDC 40D TOBU 1M25G | Version |
| Order No. | 1787070000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248204410 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, high, Size of cable entries: M 25 |
| Type | HDC 16B TOBU 1M25G | Version |
| Order No. | 1788210000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4032248205745 | plugged condition, Cable entry from top, Plug housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard, Size of cable entries: M 25 |

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Accessories**Cover**

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General ordering data

| | | |
|------------|----------------------------|---|
| Type | HDC 16B DODQ 4BO | Version |
| Order No. | 1665260000 | HDC enclosures, Installation size: 6, Protection degree: IP65, in |
| GTIN (EAN) | 4008190421960 | plugged condition, Cover for lower part of housing, Side-locking |
| Qty. | 1 ST | clamp on lower side, Standard, Size of cable entries: none |